

Agile Operations with CA Technologies





welcome
to the
**Application
Economy**



\$153B

*Public cloud services market expected
to grow 17.8% in 2014 to \$153 billion¹*

¹ Gartner Forecast: Public Cloud Services, Worldwide, 2012-2018, 3Q14 Update, Ed Anderson, et al, 29 September 2014

² Gartner Hype Cycle for Application Development, 2014, Thomas E. Murphy, et al, 29 July 2014

³ Gartner Press Release, "Gartner Says by 2017, Mobile Users Will Provide Personalized Data Streams to More Than 100 Apps and Services Every Day" January 22, 2014 <http://www.gartner.com/newsroom/id/2654115>

268B

*By 2017, mobile apps will be
downloaded more than 268 billion
times³*

50%

*By 2018, more than 50% of B2B
collaboration will take place through
Web APIs²*

Applications Are Changing the World of Business



SO WHAT'S THE PROBLEM?

Expectations Are Changing

UNPRECEDENTED SPEED

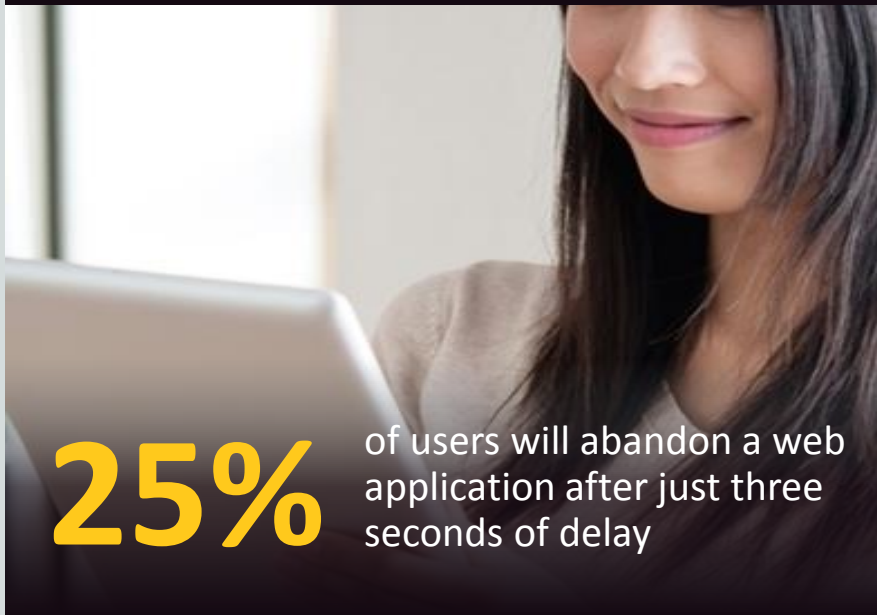


94%

of executives face increased pressure to release apps more quickly

2014 Vanson Bourne study commissioned by CA

EXCEPTIONAL CUSTOMER EXPERIENCE



25%

of users will abandon a web application after just three seconds of delay

Source: [Reaching the Top of the Web Performance Mountain](#)

The DevOps Momentum is Building

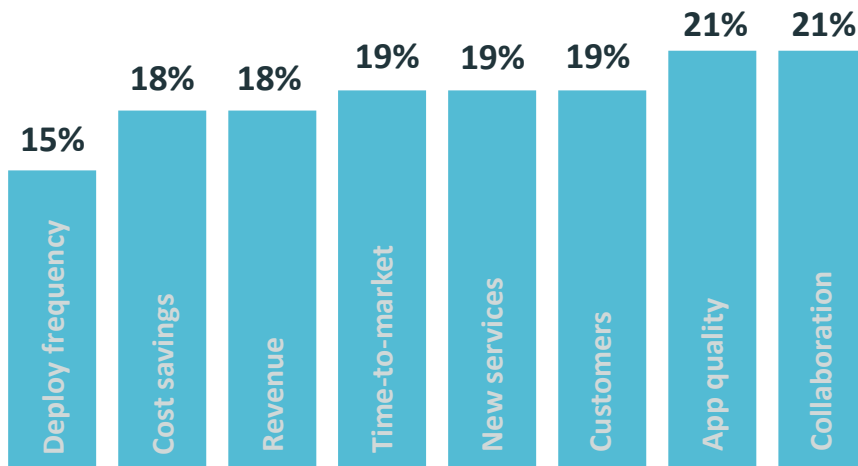
Plan to adopt DevOps

Next three to five years

88
percent

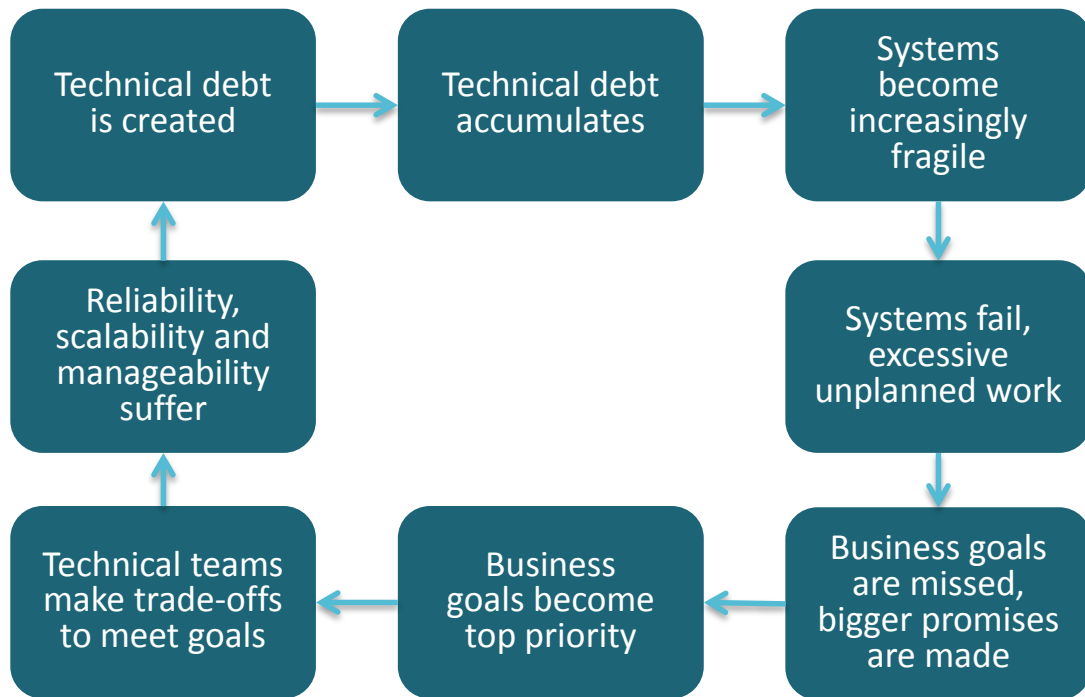
Benefits of DevOps

Percent improvements in business areas



Source: VansonBourne – DevOps survey 2014

Breaking the Destructive Cycle



Application Economy Leaders Roll Out Apps That Are ...



Key Capabilities that Enable a DevOps Approach

DevOps Portfolio from CA



**AGILE
PARALLEL
DEVELOPMENT**

Build manageable,
reliable, scalable
apps faster

**CONTINUOUS
DELIVERY**

Deploy to production
with less effort and
fewer errors

**AGILE
OPERATIONS**

Assure good
business user and
customer experience

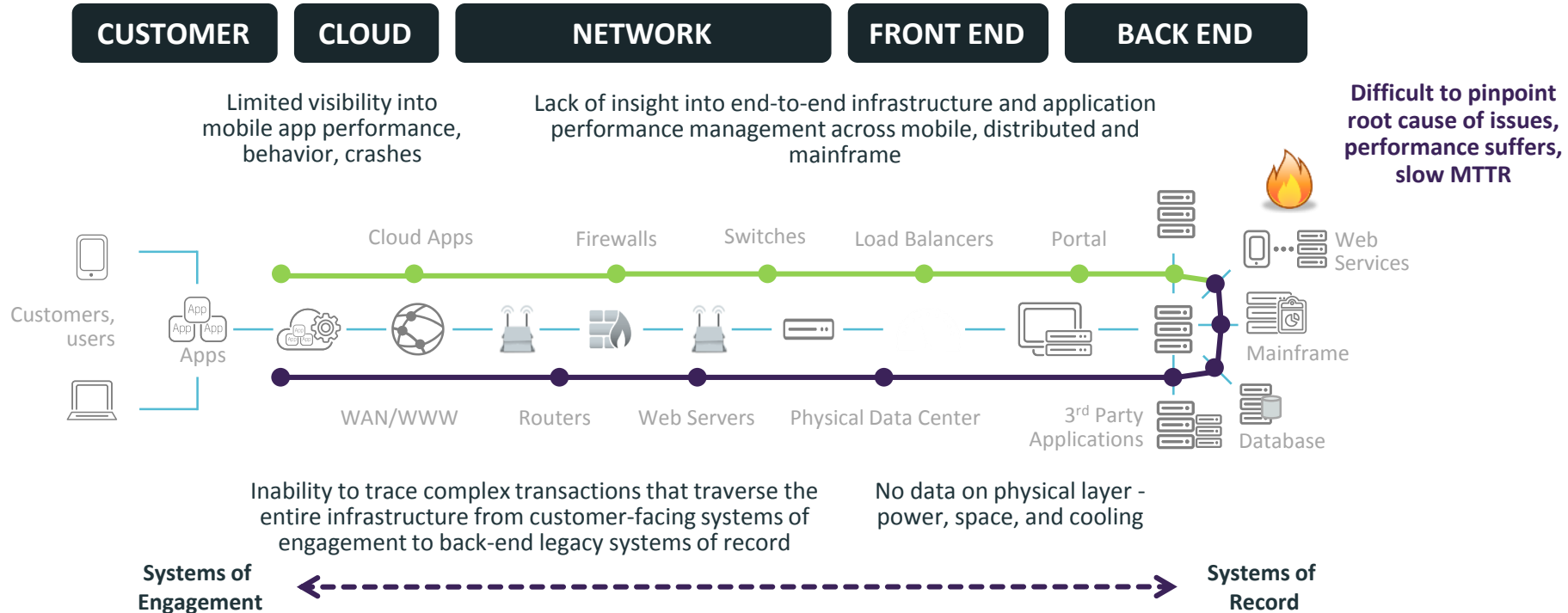
Agile Operations



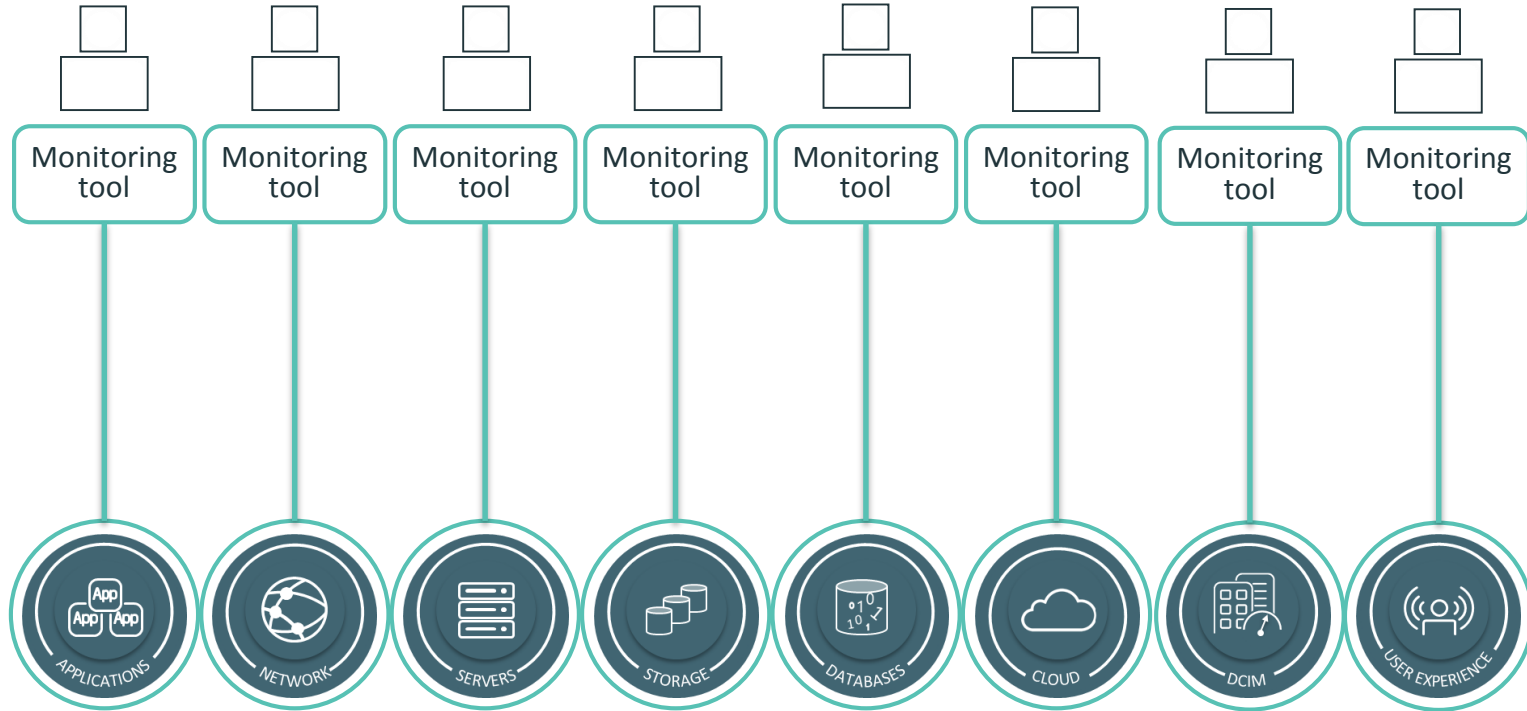
WHERE THE RUBBER MEETS THE ROAD

Monitor and manage applications and infrastructure to enable fast feedback of data and assure optimal customer experience.

Operations Challenges



Traditional, Tactical Monitoring



Unified Infrastructure Management

Our Evolutionary Journey Continues

CA Unified Infrastructure Management

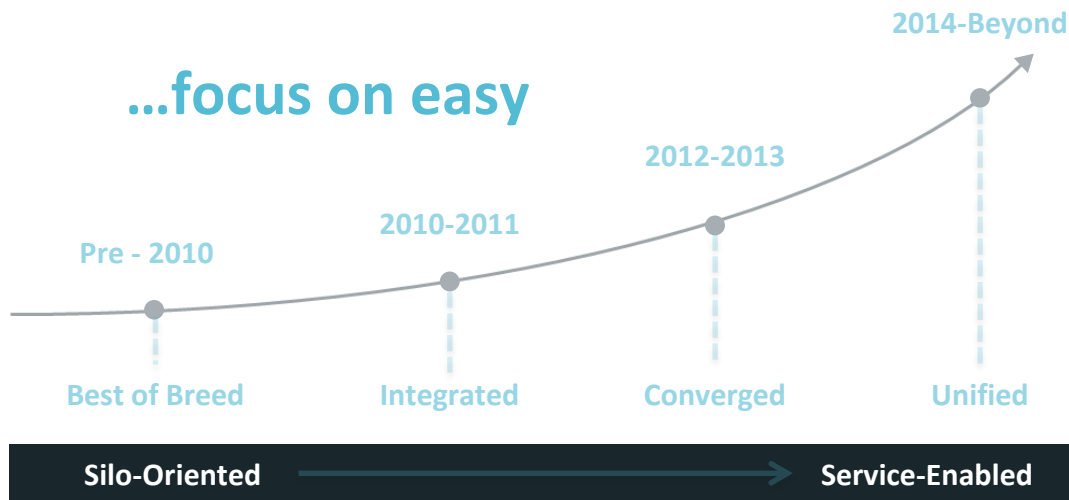
Monitoring availability and performance across traditional data center and public cloud environments

Fast deployment

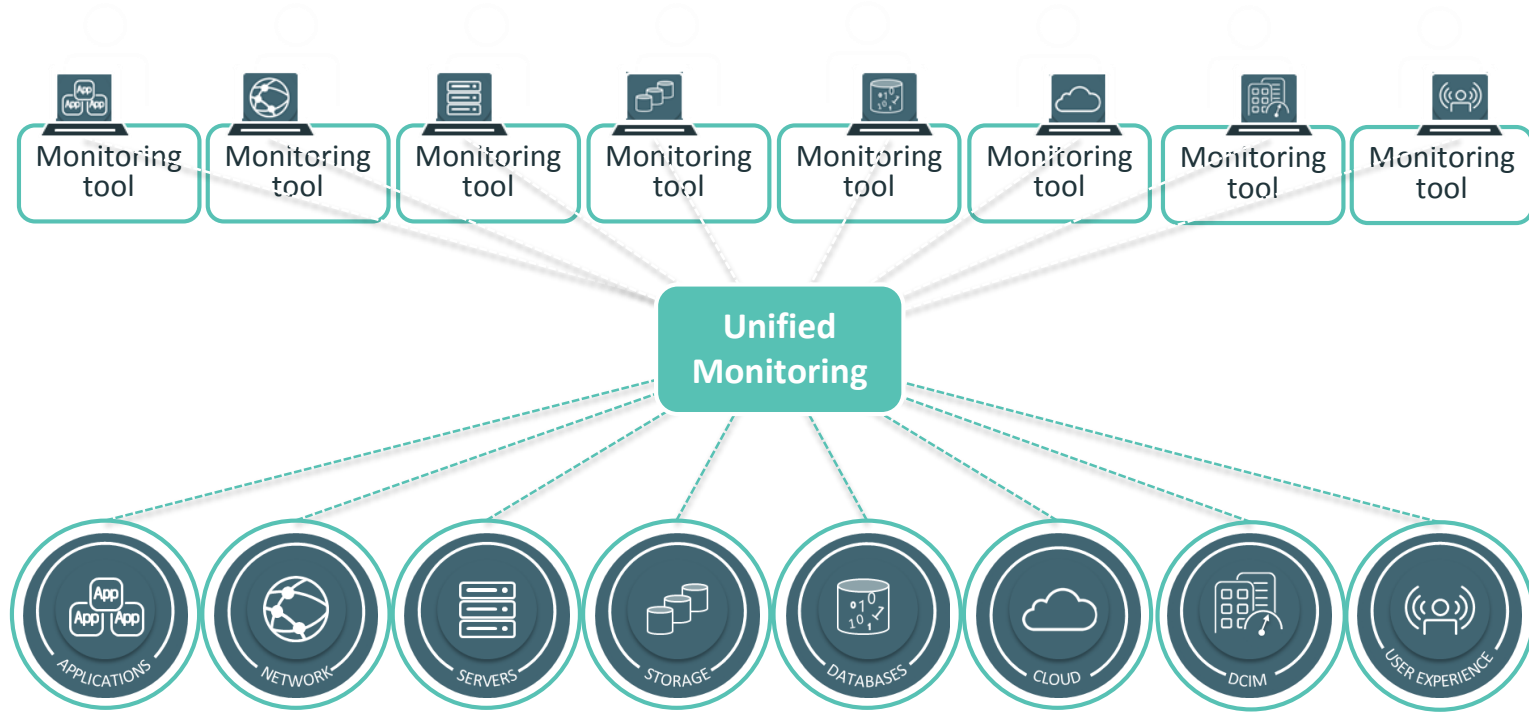
Rapid time to value

Single, unified solution

Future-proofed

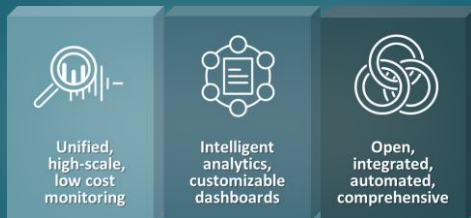


Unified, Strategic Monitoring



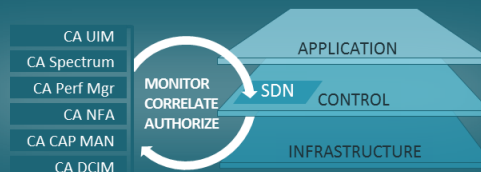
Infrastructure Management Innovations

CA PERFORMANCE MANAGEMENT FOR CSPs



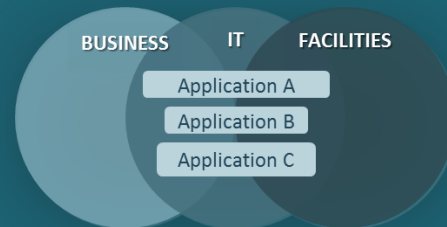
'Carrier-Grade' Performance Management for Communications Service Providers and Large Enterprises

SDN AND NFV INFRASTRUCTURE MANAGEMENT



SDN and NFV performance management capabilities for multiple CA products

CONVERGED CAPACITY MANAGEMENT



Support business demands while containing costs with IT and data center capacity management

CA Application Performance Management

Inspire Users With Every App Interaction

On-Premise

END-USER EXPERIENCE

App Performance Over the Network and Servers

APPLICATION ROOT CAUSE ANALYSIS

Diagnostics/Root-Cause Analysis/Transaction Tracing/Triage

APPLICATION BEHAVIOR ANALYTICS

IT Operation Analytics Multi-Metric Correlation

MOBILE APM

Mobile Transactions

SYNTHETIC MONITORING

Synthetic Transactions

SaaS

CA APM 9.7 and 10 – 1st Proof-Points in E.P.I.C. APM Strategy

EASY

Simplified Agent
Management

for 1,000s of Agents



PROACTIVE

Trace Transactions
From Mobile to
Mainframe

Link Mobile Experience
to DC Performance



INTELLIGENT

Smart
Instrumentation

Patent-pending Analytics
Remove the Need for
Application Expertise



COLLABORATIVE

Common
Performance
Language

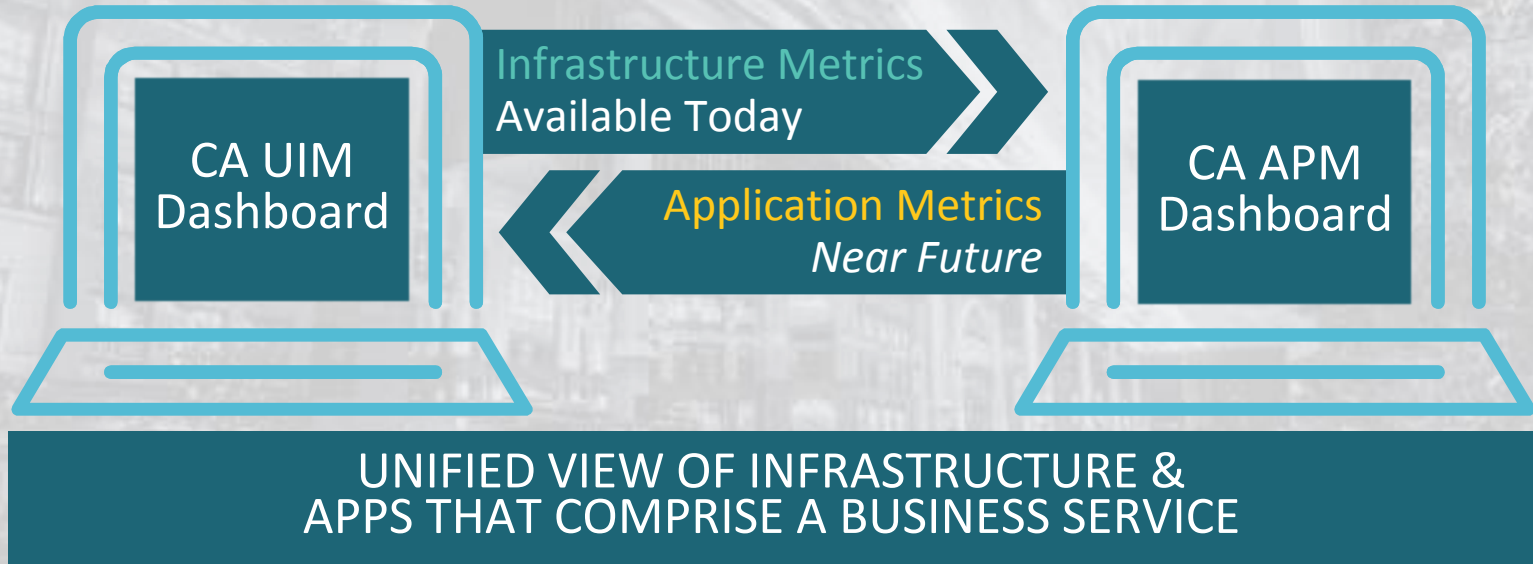
For Continuous
Improvement Across App
Lifecycle

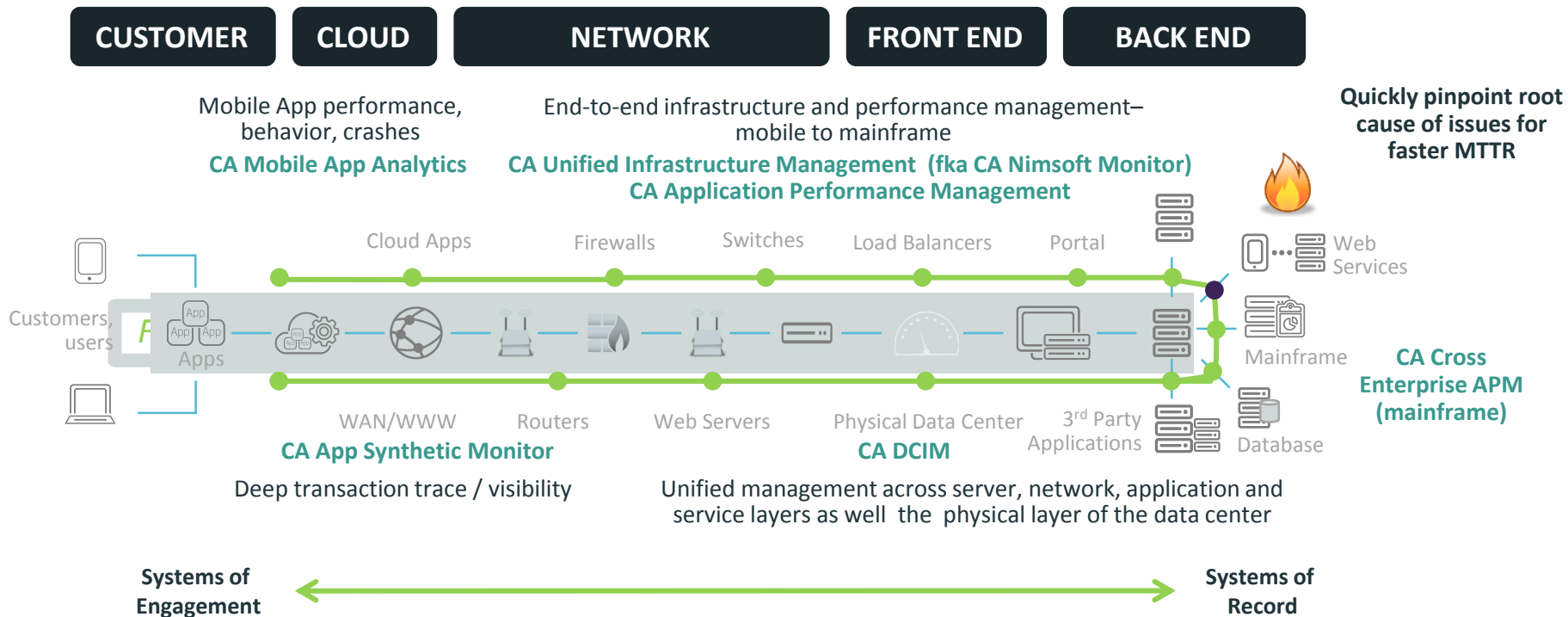


E.P.I.C. – Modern Technologies that Power the App Economy ... Ushering in 3rd Gen of APM

- PHP Agent, MongoDB

CA UIM and CA APM Innovations – Integration





Agile Operations With CA Technologies

KEY CAPABILITIES

- Monitor and control your entire IT environment, from the Data Center to the Cloud
- Deliver deep insight into mobile, enterprise and mainframe apps

KEY BENEFITS

- Improve visibility for fast MTTR to assure optimal customer experience
- Enable fast feedback of real-world information about how applications behave in production to drive continuous improvement

Thank You!

